

L Number	Hits	Search Text	DB	Time stamp
1	11069	layers same threshold	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 07:42
6	1776	video same layer same (bandwidth or transmission)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:08
7	37	video near layer with (bandwidth or transmission)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:30
8	5570	bandwidth same threshold	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:42
9	18593	video same layer	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:42
10	363	(video same layer) same enhancement	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:42
12	150	((video same layer) same enhancement) same (transmission or bandwidth)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:42
13	15131	(bandwidth or transmission) with threshold	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:42
14	30435	(bandwidth or transmi\$7) with threshold\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:42
15	894	((bandwidth or transmi\$7) with threshold\$4) same layer	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:43
21	1391	enhancement near layer	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:43
22	226	(enhancement near layer) same (bandwidth or transmission)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:43
28	0	6480547.URPN.	USPAT	2003/09/12 09:43
32	136	video same DCT same threshold	USPAT; US-PGPUB	2003/09/12 09:43
36	70	(enhancement near layer) with DCT	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:43

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38	2	(enhancement near layer) with DCT same threshold\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:43
41	37	(enhancement near layer) same threshold\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:43
43	69	(enhancement near (layer or data)) same threshold	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:43
45	0	threshold near based near layering near process	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:43
46	448129	threshold	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:43
49	211	(threshold near2 layer\$4) and video	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:43
16	33	layer with video with enhancement with bandwidth	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:43
17	1	layer with video with enhancement with bandwidth same threshold	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:43
18	4	(bandwidth same threshold) same (enhancement with layer)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:43
19	7	((video same layer) same enhancement) same (transmission or bandwidth)) same (threshold\$4 or constrain\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:43
20	17	((bandwidth or transmi\$7) with threshold\$4) same layer) same video	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:43
23	11	((enhancement near layer) same (bandwidth or transmission)) same threshold	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:43
26	1	6275531.URPN.	USPAT	2003/09/12 09:44
27	7	("5457496"   "5457497"   "5497246"   "5590127"   "5612735"   "5729532"   "5903679").PN.	USPAT	2003/09/12 09:44
29	5	("5301018"   "5349383"   "5353061"   "6256346"   "6275531").PN.	USPAT	2003/09/12 09:44

34	29	video same DCT same threshold same (transmi\$7 or bandwidth)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:44
35	39	(bit near plane) with (enhancement near layer)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:44
37	2	(enhancement near layer) with DCT with threshold\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:44
39	10	(enhancement near layer) with DCT same bandwidth	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:44
40	24	(enhancement near layer) with threshold\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:44
42	13	((enhancement near layer) same threshold\$4) not ((enhancement near layer) with threshold\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:44
44	36	((enhancement near (layer or data)) same threshold) not ((enhancement near layer) same threshold\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:44
47	3	threshold near2 layer\$4 near process	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:44
48	2361	threshold near2 layer\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:44
50	4	(threshold near2 layer\$4) and video and DCT	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:44
51	125	(threshold near2 layer\$4) and video and (bandwidth or transmission)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 09:44



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the video has been encoded into a base and an **enhancement layer**, and that to decode the **enhancement** Optimal Streaming of Layered Video Despina Saparilla Keith W. Ross Dept. of www.eurecom.fr/~saparill/infocom00.ps

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a meaningful service. The other flow includes **enhancement** information. The idea then is to transmit both include video gateways, and using some form of **layered** coding. Video gateways or **layered** coding the quantizer value and the movement detection **threshold**. Adjusting these parameters makes it possible ftp-sop.inria.fr/rodeo/bolot/94.Multicast\_feedback.ps.gz

[Motion Prediction Based on Temporal Layering for Layered Video.. - Lee \(1998\)](#) (Correct) (6 citations)

video coding algorithms [4]5]When some **enhancement layers** are dropped due to, for example, 1, JULY 1998. 1 Motion Prediction Based on Temporal Layering for Layered Video Coding Jae-Yong Lee, from the previous one more than a certain **threshold**) has been used [6] even though we can no more dali.korea.ac.kr/research/LVideo/lvideo\_itc98.ps.gz

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not provide any QoS guarantees. GFR is a major **enhancement** to UBR and has been elected as a new ATM mechanisms. These may be performed by higher **layers** (e.g. the TCP **layer**) at the end systems. The ATM achieved. The EPD mechanism uses a static **threshold** R that is less than the buffer size. When mild www.ee.surrey.ac.uk/Personal/G.Pavlou/Publications/Journal-papers/Andrik-99a.pdf

[A Smart Vision System-On-A-Chip Design Based On Programmable .. - Wai-Chi Fang Det](#) (Correct)

orders-of-magnitude computing performance **enhancements** for on-board real-time vision tasks. 4.1. for cellular neural networks. B) Multiple **Layers** with Embedded Maximum Evolution Functions: In the includes the information for synapse weights, **threshold** values, and boundary conditions. The OCNN techreports.jpl.nasa.gov/2000/00-1013.pdf

[A Rate Control Method For H.263 Temporal Scalability - Ishtiaq, Katsaggelos \(1999\)](#) (Correct)

dropped frames in the form of a scalable **enhancementlayer** to increase the overall encoded frame rate. The proposed methodology extends the base **layer** rate control to the **enhancement layer** and i, as a B frame is made if F ## exceeds a given **threshold** value, FTH ,that is if F ## FTH Encode ivpl.ece.nwu.edu/Publications/Conferences/1999/icip99g.pdf

[Early Selective Packet Discard for Alternating Resource Access .. - Cheon, Panwar](#) (Correct)

so that it gets e#ective throughput **enhancement** over RCD, and EPD provides further **enhancement** src refers to the source node whose application **layer** corresponds to a TCP packet source and dest scheme#6#Avariation of EPD with multiple **thresholds** designed to improve performance is discussed catt.poly.edu/CATT/lcn97Cheon.pdf

[Improving Layered Video Multicast using Active Networks - Gonçalves, de..](#) (Correct)

and state within the network to yield **enhancements** to **layered** video distribution. The result is



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[A New Shot Boundary Detection Algorithm - Zhang, Qi, Zhang \(2001\) \(Correct\) \(2 citations\)](#)

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[Clustering User Queries of a Search Engine - Wen, Nie, Zhang \(2001\) \(Correct\) \(1 citation\)](#)

(Quebec)H3C 3J7 Canada nie@I.RO.Umontreal.CA **Hong-Jiang** Zhang Microsoft Research, China 5F, Beijing  
 [54] Ji-Rong Wen, Jian-Yun Nie, and **Hong-Jiang** Zhang. Clustering user queries of a search  
[www.www10.org/cdrom/papers/pdf/p368.pdf](http://www.www10.org/cdrom/papers/pdf/p368.pdf)

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Water Bay, Kowloon, Hong Kong tpong@cs.ust.hk **Hong-Jiang** Zhang Microsoft Research China 5/F, Beijing  
 [2] Chong-Wah Ngo, Ting-Chuen Pong, and **Hong-Jiang** Zhang, On clustering and retrieval of video  
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Ji-Rong Wen, Gao Zhang, Ye Lu 1 Kai-Fu Lee, **Hong-Jiang** Zhang Microsoft Research China 5F, Beijing  
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[Improved Read Performance in a Cost-Effective.. - Zhu, Jiang, Qin.. \(2003\) \(Correct\)](#)

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